

Converting Colors

Hex(6B98FB)

Have a look what the booklet for
Hex(6B98FB) contains.

Hex(6B98FB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B98FB)

Conversions

Conversions Part 1

Format	Color
Hex	6B98FB
RGB	107, 152, 251
RGB Percent	42%, 60%, 98%
CMY	0.5804, 0.4039, 0.0157
CMYK	0.57, 0.39, 0.00, 0.02
HSL	221°, 95%, 70%
HSV	221°, 57%, 98%
XYZ	34.7042, 32.5473, 95.7199
YIQ	149.8310, -58.5990, 21.2490

Conversions

Conversions Part 2

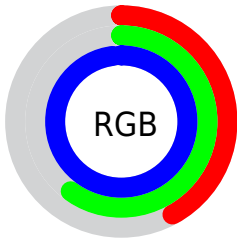
Format	Color
R _Y B	107, 141, 251
Decimal	7051515
CIE Lab	63.79, 13.44, -54.02
CIE LCh	64, 55.664, 283.968
Yxy	32.5473, 0.2129, 0.1997
Android (android.graphics.Color)	4285241595 (0xFF6B98FB)
YUV	149.8310, 49.8763, -37.5628
Hunter-Lab	57.0502, 8.7454, -59.5427

Details

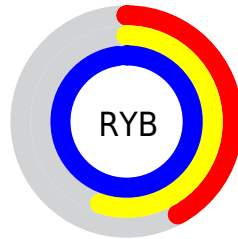
The Hex color **6B98FB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FBCE6B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A7CEFF**, and **2466C2** is the 20% darker color. If you saturate the color by 10%, you get **5287FB**, and if you desaturate by 10%, it is **84A9FB**.

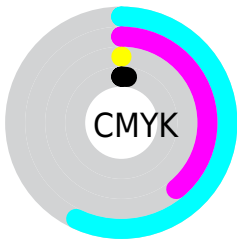
Distribution



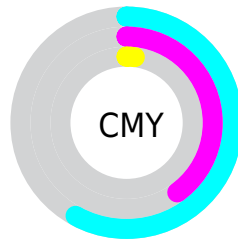
- Red (42%)
- Green (60%)
- Blue (98%)



- Red (42%)
- Yellow (55%)
- Blue (98%)



- Cyan (57%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)



- Cyan (58%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B98FB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6B98FB by changing the saturation by 10% instead.

 6B98FB

 6B98FB

FFFFFF

 4B7EDE

 A7CEFF

 2466C2

 C5EAFF

 004EA6

 E3FFFF

 00388B

 002471

 000F58

 000740

 000329

 000113

■ 6B98FB

■ 6B98FB

■ 5287FB

■ 84A9FB

■ 3975FB

■ 9DBBFB

■ 2064FB

■ B6CCFB

■ 0753FB

■ CFDDFB

■ 004EFB

■ E8EEFB

■ FFFFFB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00A7FA



6B98FB



BB84E2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6B98FB



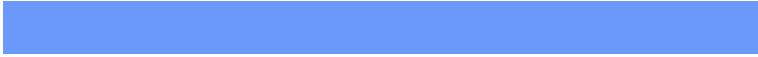
EB7B58



00B17D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6B98FB



FBCE6B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68AB4F



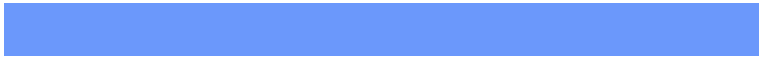
6B98FB



CC8E37

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6B98FB



F66E85



A09F33



00B3B1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B98FB



DC77C7



A09F33



2EB06D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6B98FB



D4E1FF



6BFBCD



666E80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6B98FB



4F86FF



856BFB



70747D



003BBD



00133D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FB6B98



FF4F86



E1FB6B



7D7074



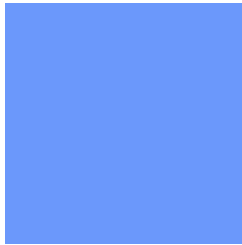
BD003B



3D0013

Previews

White Background



This preview shows how the Hex color 6B98FB looks on a white background.

Color Contrast Check

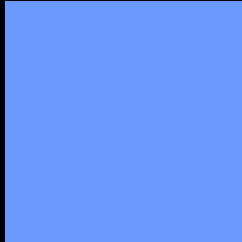
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6B98FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

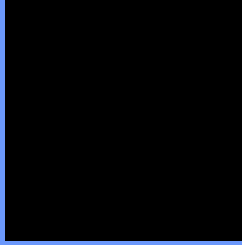
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

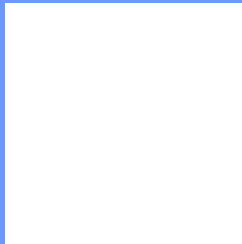
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6B98FB Background



This preview shows how black text looks on a background with the Hex color 6B98FB.



This preview shows how white text looks on a background with the Hex color 6B98FB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6B98FB

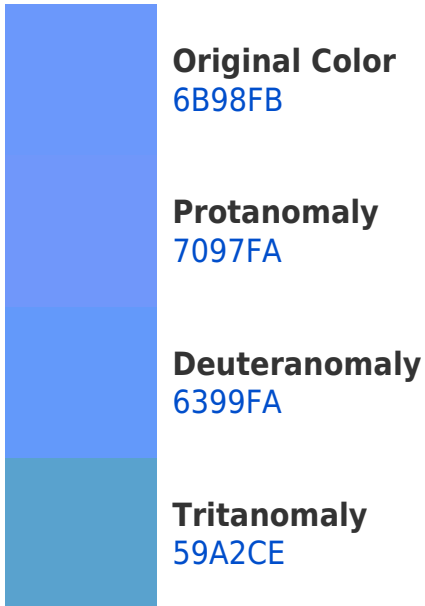
Protanopia
7397FA

Deuteranopia
5F9AFA

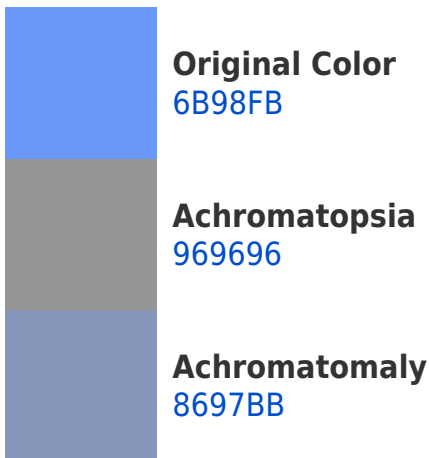


Tritanopia
4FA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B98FB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6B98FB looks like.

```
.text, #text, p{  
    color:#6B98FB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6B98FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B98FB
}
```

Border

The CSS property to change the border of an element to Hex 6B98FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B98FB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6B98FB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6B98FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B98FB; -webkit-box-shadow:4px 4px  
4px 4px #6B98FB; box-shadow:4px 4px 4px  
4px #6B98FB }
```

Background

The CSS property to change the background color of an element to Hex 6B98FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B98FB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6B98FB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor